



The

GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society
January 2017 <http://www.gars.org/> Volume 26, Issue 1



Happy New Year!!

Coming in January:



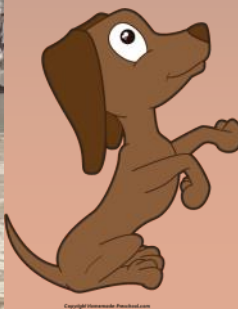
Winter
Field Day!



Coming in Early February:



Dog Show!



Message from the President

Happy new year from the president's desk! (No not that other president.) I hope you all had a great 2016. It looks like 2017 is already shaping up to be a fantastic one. Right out the door we have TechFest on the schedule for January 14th at the Gwinnett Medical Resource Center. Please check out www.techfest.info for all the details. There will be lots of great displays, forums and don't forget the door prizes. Grand prize is an FT-991. You don't want to miss that so go online and order your raffle tickets. Admission however is free.

Before TechFest though is our first general meeting of the year. We have a great program lined up with Zyg Strobanskz, AF4MP on Voice of America prediction software which should be very informative. Also the floor will be open for new officer nominations. Elections will be held during the February meeting and nominations will be taken up until then. Please be there for this important event.

For more excitement in January we have "Winter Field Day 2017"! This event is a mini-field day operation and works similar to the normal summer Field Day. We will gather at the EAA hanger starting around 9:30 am on Saturday the 28th to set up antennas, coax, and radios. Kick the fun off early and meet us for breakfast at the



"Elections will be held during the February meeting and nominations will be taken up until then"

Golden Corral on Riverside Drive in Lawrenceville around 7:30 am. The event officially starts at 1400 EST and runs a full 24 hours. It will be great fun and I hope you can come out and join us.

Coming up in February we have the bi-annual Dog Show fund raiser. GARS members will assist in entry and parking at the Atlanta Expo Centers

South on 2/2/17 through 2/5/17. Get your cold weather gear and radios together and plan on joining us. Go to the home page on gars.org to sign up for shifts. Remember this is one of GARS' primary fund raisers and participation is strongly encouraged and appreciated!

Stay tuned for more announcements and upcoming events...

Happy New Year - Thanks and 73,

Rick Cobb, N4XYY

"It is not the class of license the Amateur holds, but the class of the Amateur that holds the license."

[Author Unknown]

GARS January Meeting

Voice of America Prediction Software

by Zygmunt Strobanskz , AF4MP

Tuesday, January 10, 2017

7:00 pm

*GARS Officer Nominations are open at the January and February meetings;
Elections are at the February meeting*

Sports Aviation Complex—Hangar 1
690 Airport Road
Lawrenceville, GA 30045
Directions

GARS Communications

2 Meter Repeater
147.075(+) MHz
82.5 PL Tone

APRS
144.390 -- 1200 Baud
W4GR

D-Star
WD4STR
145.060 + (1.4 MHz)
440.550 + (5 MHz)

2 Meter Repeater
147.255(+) MHz
107.2 PL Tone

6 Meter Repeater
53.110 (-1 MHz)
No PL tone

70 Cm Repeaters
444.525(+) MHz
82.5 PL Tone
442.100(+)
100 PL Tone

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**Don't forget
to support our
advertisers at the
back of the
GARzette.**

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The *GARzette* is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: editor@gars.org
Bill Eggers—WB2RIS 470-238-9603



Member QRZ Pages

For a few months we will be featuring the QRZ page of various members of GARS.

This month we are featuring the QRZ page of :

AB4HZ - Sam Thomas

When you click on the link below you will find this picture.

<http://qrz.com/lookup/AB4HZ>

Read the notes and get to know him better.
You'll be glad you did.

Here is an excerpt from the page:

Everyone calls me Sam, and I am a native of Atlanta. I was first licensed in 1954 at the age of 11. After a while I dropped out of the hobby until about 25 years ago. I had been SWLing as I really liked to keep up with what was happening around the globe. I also held a commercial license during the sixties through eighties. My main interest in the hobby is in the technical area with a passion for dx. I am a member of the Gwinnett Amateur Radio Society located in Gwinnett County, GA. My other hobbies and interests include tinkering, photography and fishing. I am a veteran and a retired computer field engineer.

Watch for another featured GARS member QRZ page in next month's GARzette!



News, Press Releases, & General Interest

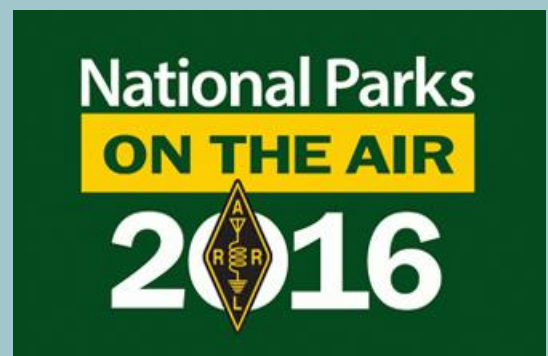
National Parks on the Air (NPOTA) Has Ended

As you may already know, this event ended at 0000Z on January 1. Major milestones reached: 1 Million QSO's uploaded to Logbook of the World (LoTW) and 20,000 unit activations. GARS and her members had a part to play in these milestones:

- There were a total of 4 activations of the Chattahoochee River National Recreation Area by our club call (W4GR), along with numerous other activations by GARS members;
- W4GR was able to achieve 5 Star Activator status for its activations;
- A total of 10 GARS members activated one or more units for a total of 83 activations throughout the United States.

Look in the February GARzette for experiences from GARS members who were both activators and chasers!

73 DE WB2RIS / *Bill*



A Letter To GARS

It is thanks again for [N4RF] Rick Neuman's second hamfest. We were well pleased on the outcome and appreciate very much for your time and work you gave us. Rick would be very pleased also. He always wanted everything he owned to go to a good home.

We know you will be busy next year at Hamfest with other duties but if we can get enough together we will take it upon ourselves to set up a couple tables for more equipment.

The total for everything came to \$3445. We have deducted \$400 in case the customer wants to cancel his purchase that was never picked up and wants a refund. We deducted \$159 for the tables. This leaves \$2886 to donate to GARS and hope this gift will be used wisely.

Thank you again for everything.

Fred and Diane Neuman

...AND THANKS AGAIN!



The Gwinnett Amateur Radio Society (GARS) will be hosting our annual TechFest in January. In recent years we have invited regional radio groups to participate by setting up a table with information about their activities and to demonstrate some type of amateur radio mode, method, technology or experience. This will be an opportunity for the community to become aware of the many modes of operation of Radio Amateurs and view some of the preparations taking place by public service volunteers in the Ham radio community. Unlike Field day, or the typical swap meet, this is not a contest or race. It is a chance to experience modes of our hobby that you might have never seen. Or to show your friends and family what Amateur Radio is about.

For TechFest 2017, we are raffling off a brand new HF, VHF, UHF radio.

Details: The FT-991 is the next generation in all mode, all band MF/HF/VHF/UHF transceiver with C4FM (System Fusion) Digital capability. The FT-991 includes multi-mode operation on CW, AM, FM, SSB, and Digital Modes (Packet, PSK31, RTTY and C4FM), with 100 Watts of HF/50mhz Capability (50 Watts VHF/UHF). The New FT-991 now includes a high-resolution full color 3.5" TFT Touch panel for superior operability and visibility, incorporating a High Speed Spectrum scope with ASC (Automatic Spectrum-scope control) built right in.



The FT-991 is designed for the most competitive operating situations, with a suite of new features to enhance the experience. Whether you primarily operate at home, mobile or in the field, the FT-991 will provide outstanding fundamental performance plus give you easy access to the full range of exciting modes available on the ham bands today.

Tickets are \$5.00 each, or 5 tickets for \$20.00. Tickets will be available for sale at TechFest. GARS representatives will also try to visit area clubs with raffle tickets for sale.

We added an online ticket order option. Orders may be made online. Feature to be open soon. [Order Raffle Tickets Here](#) Multiples of 5 for \$20.00 only.

The drawing will be held near 2:00pm at the GARS table. You don't have to be present to win the raffle.

Source: <http://www.techfest.info>

Where Does 73 Come From?

Many amateurs already know that "73" is from what is known as the "Phillips Code", a series of numeric messages conceived for the purpose of cutting down transmission time on the old land telegraph systems when sending text that is basically the same.

In the April 1935 issue of QST on page 60 there is a short article on the origin of 73. This article was a summation of another article that appeared in the "December Bulletin from the Navy Department Office of the Chief of Naval Operations". That would be December of 1934.

The quotation from the Navy is as follows: "It appears from a research of telegraph histories that in 1859 the telegraph people held a convention, and one of its features was a discussion as to the saving of 'line time'. A committee was appointed to devise a code to reduce standard expressions to symbols or figures. This committee worked out a figure code, from figure 1 to 92. Most of these figure symbols became obsolescent, but a few remain to this date, such as 4, which means 'Where shall I go ahead?'. Figure 9 means 'wire', the wire chief being on the wire and that everyone should close their keys. Symbol 13 means 'I don't understand'; 22 is 'love and a kiss'; 30 means 'good night' or 'the end'. The symbol most often used now is 73, which means 'my compliments' and 92 is for the word 'deliver.' The other figures in between the forgoing have fallen into almost complete disuse."

One of the chief telegraphers of the Navy Department of Communications, a J. L. Bishop, quoted from memory the signals that were in effect in 1905:

1 Wait a minute	9 Attention or clear the wire	30 Finished, the end-used mainly by press telegraphers
4 Where shall I start in message?	13 I do not understand	73 My compliments, or Best Regards
5 Have you anything for me?	22 Love and kisses	92 Deliver
	25 Busy on another circuit	

Now days, 22 has become 88 (love and kisses). I don't know when this came about. 30 is still used in the newspaper and magazine business to indicate the end of a feature, story, or column. And, of course, 73 is still used by amateur radio operators to mean "best regards". Making any of these numbers plural (73s, 88s, etc.) is incorrect since they are already plural. 73s would mean "best regardses" and 88s would mean "love and kisseses". Those make no sense.

Anyway, the subject of where 73 came from comes up periodically and this article reinforces the "Phillips Code" origin. Jim, N2EY, adds some other related stuff:

Phillips Code "19" and "31" refer to train orders. They were so well known that the terms "19 order" and "31 order" were still in RR use in the 1970s, long after the telegraph was gone. The abbreviation "es" for "and" derives from the Morse character "&". The prosign "SK" with the letters run together derives from the Morse "30".

The numeric code is a small part of the abbreviations outlined in the Phillips Code (developed by telegrapher Walter P. Phillips). Here are the numbers as referenced:

1 Wait a moment	12 Do you understand?	28 Do you get my writing?	39 Important, with priority on thru wire (Also, sleep-car report)
2 Important Business	13 I understand	29 Private, deliver in sealed envelope	44 Answer promptly by wire
3 What time is it?	14 What is the weather?	30 No more (end)	73 Best regards
4 Where shall I go ahead?	15 For you and other to copy	31 Form 31 train order	88 Love and kisses
5 Have you business for me?	17 Lightning here	32 I understand that I am to ...	91 Superintendent's signal
6 I am ready	18 What is the trouble?	33 Car report (Also, answer is paid for)	92 Deliver promptly
7 Are you ready?	19 Form 19 train order	34 Message for all officers	93 Vice President and General Manager's signals
8 Close your key; circuit busy	21 Stop for a meal	35 You may use my signal to answer this	95 President's signal
9 Close your key for priority business (Wire chief, dispatcher, etc)	22 Wire test	37 Diversion (Also, inform all interested)	134 Who is at the key?
10 Keep this circuit closed	23 All copy		
	24 Repeat this back		
	25 Busy on another wire		
	26 Put on ground wire		
	27 Priority, very important		

Source: <http://www.signalharbor.com/73.html>

GARS Does Winter Field Day 2017

GARS believes that emergency communications in a winter environment is just as important as the preparations and practice that is done each summer but with some additional unique operational concerns.

We believe, as do those entities of ARRL Organizations like ARES & RACES, that maintaining your operational skills should not be limited to fair weather scenarios. The Winter Field Day will enhance those already important skills of those that who generously volunteer their time and equipment to these organizations.

Disasters are unpredictable by nature and can strike when you least expect them. Winter Field Day's goal is to help enhance your skills and ready you for all environmental conditions found during the spring, summer, fall, and winter.

Preparedness is the key to a professional and timely response during any event and this is what local and state authorities are expecting when they reach out to the emergency service groups that offer their services.

We welcome you to join us for what is now our yearly event. We are sure that you will find this event a pleasant change and challenge to that of a normal summer time field day. If you are a Gwinnett ARES member, this is considered to be a Gwinnett ARES qualifying deployable event.

Plan to join us January 28th and 29th, 2017 for this event. The event itself starts at 1900 UTC (2PM) and equipment set up will start at 9AM on the 28th. This will be a continuous event through 2PM on the 29th and meals will be provided. We will use the GARS repeater for talk-in to the location and to answer any questions during the event. Contacts on the GARS simplex frequency 146.505 will be solicited for 2m contacts.

If you have not yet been active on HF, or have not yet operated in contest mode, drop by and learn from the other operators. We will have plenty of control operators available and stations to Get On The Air.

Watch our web site and the GARS yahoo group for additional details.

For more information, please contact N0DIM at n0dim@arrl.net.

The current rules can be found here: <http://www.winterfieldday.com/rules/>

73, *Mitch Matteau*, N0DIM

Beginner's Corner

Opportunities for Fun and Experience

Happy New Year Everyone! We hope you all received some nice radio gear over the holidays. January is here and we have a couple exciting activities coming up!

First on the list is GARS annual Tech Fest. If you have never been to Tech Fest, you owe it to yourself to go. This is listed as a Hamfest by the ARRL, but it is so much more. At Tech Fest, you will be exposed to the activities of many Atlanta area amateur radio clubs. You can find out what other opportunities are available with them in the area. There are some specialty clubs that will be represented, as well. The Southeast DX Club will introduce you to the fun and exciting hobby of contacting distant stations. There has been a QRP club that has been represented for several years. They will show you how to contact other hams using low power, many times less than one watt! There will likely be other interesting clubs, as well.

Gwinnett ARES will be there, as well. From them you will learn how we hams help out the community in times of emergency. If you do not belong to ARES, you can sign up there. Membership is free, and you have an opportunity to give back.

Admission is free. Many free prizes are given away. Did I mention a free lunch? There will be a raffle for the grand prize, which is always a nice radio. Tickets are \$5.00 for one or \$20.00 for five, and help defray the costs involved in this marvelous event. Interesting exhibits. Free admission. Free prizes. Free lunch, and a chance to win the grand prize, who could ask for more!

Oh, yes, where and when is it being held? It will be on January 14th at the Gwinnett Medical Resource Center, 665 Duluth Highway (GA-120), in Lawrenceville from 9 am until 2 pm. Please plan on coming and staying the whole day. For more information, look up <http://www.techfest.info/>.

Next up is the Winter Field Day. This takes place January 28th and 29th. It is a 24-hour activity that starts at 1400 (2 p.m.) on the 28th. We will be setting up the radios and antennas starting at 9:30 at the EAA Hanger at the Lawrenceville Airport. This is the same place where GARS holds its monthly meeting. We are outdoors in the June Field Day, but at this event, we will be inside and (hopefully) warm and toasty. We will be setting up 4 HF stations - 2 PHONE, 1 CW and 1 digital.



Winter Field Day 2016

This event is not an ARRL sponsored event, but it is very popular, and a lot of fun. Everyone who comes will be able to get on the air. If you have a technician class license, you can still operate. Control operators (General and Extra class licensees) will abound.

That makes two fun Saturdays in January. Come one, come all!

73 de *David Harden*, KJ4CMY



Don't Worry! We will be indoors!

Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people that make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only fifteen primary people who serve as NCS for the GARS net every Monday night. In no particular order, they are:

Norm - WA4ZXV	Kyle - W4KDA	Mitch - N0DIM
Ruth - KM4LAO	Hal - W4IGE	Don - KW4AL
Ray - N4GYN	Sandy - KJ4DRO	John - WB4QDX
Bill - KK4AUA	David - KK4KAF	Kevin - KK4WOG
Chuck - KK4TKJ	Mike - KK4KHS	Donna - KM4FMW

As GARS Net Manager (Chuck KK4TKJ), I really need 26 people to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club. The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 45 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at KK4TKJ@arrl.net. Sign up to help support the effort that makes GARS the great club that it is.

73 and see you on the Nets!

Chuck McCord, KK4TKJ

GARS Net Manager



Don't miss the “KNOW IT ALL” Net Wednesday nights, 8:30-9:30 pm



We have moved to a new format. We begin with current events and announcements. Then we Introduce New Technology. Then we have check-ins and general discussion. Post net is Rag Chew format.

Jeff—AB4HF

Everyone is having great fun on this net! Come join us and become a “KNOW IT ALL”.

TIME: 8:30 every Wednesday evening on the GARS repeater - 2m 147.075 + PL 82.5

GARS Membership Page

New GARS Members in December

Lew Newlin (KM4YWK)
Chris Scheels (KM4YZX)

New Members: 2

Total Members as of January 1, 2017
276

**Join us for our weekly
 breakfast gathering at
 7:30 AM most Saturdays**
at

Golden Corral
2155 Riverside Parkway
Lawrenceville, GA 30043

([Directions](#))

**The following members are
 celebrating birthdays
 in January:**

HAPPY BIRTHDAY!!
From All of Us at GARS

Diane Andrus (KB4LWS)
Donald Brant (N2VGU)
Jolie Brown
Terry Cantrell (W4WTC)
Phillip Childs (KJ4VFO)
Rick Cobb (N4XYY)
Randy Collins (N4COR)
Mike Cottrell (KJ4EIE)
John Craig (KK4JXU)
Mark Fenley (KM4DJO)
Gregg Freeman (KK4GWG)
Kevin Highsmith (KK4WOG)
Ruth Jones (K4RHJ)
Dorothy Jubon (N2DLJ)
Edonna Koon (KM4JKL)
Pramod Kumbla (KM4SWN)
Kevin McClure (KF4HFN)
Yolanda Pence (KM4AAQ)
William Pettit (K4ENQ)
Grant Porter (KG4SDR)
Michael Stebnicki (KJ4PQZ)
Joseph Trunk (AA8XR)
Newton White (N4EWT)
Ruth Willet (KM4LAO)

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please e-mail the Membership Committee - membership@gars.org

You can **renew or update** your Amateur Radio license information with the FCC at their website for free <http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP
 Committee Members: Dave Bruse, W4DTR, Pam Meridy, WB1AKQ

ARRL CONTESTING INFO

From ARRL Contest Calendar

>>>> NOTE: For more information click the links <<<<

January 2017

- 1 [Straight Key Night](#)
- 7 [Kid's Day](#)
- 7-8 [RTTY Roundup](#)
- 21-23 [January VHF Sweepstakes](#)

February 2017

- 13-17 [School Club Roundup](#)
- 18-19 [International DX - CW](#)

March 2017

- 4-5 [International DX - Phone](#)

April 2017

- 16 [Rookie Roundup - SSB](#)

June 2017

- 10-12 [June VHF QSO Party](#)
- 18 [Kid's Day](#)
- 24-25 [Field Day](#)

July 2017

- 8-9 [IARU HF World Championship](#)

August 2017

- 5-6 [222 MHz and Up Distance Contest](#)
- 19-20 [10 GHz and Up - Round 1](#)
- 20 [Rookie Roundup - RTTY](#)

September 2017

- 9-10 [EME - 2.3 GHz and Up](#)
- 9-11 [September VHF QSO Party](#)
- 16-17 [10 GHz and Up - Round 2](#)

October 2017

- 7-8 [EME - 50 to 1296 MHz](#)
- 16-20 [School Club Roundup](#)

November 2017

- 4-5 [EME - 50 to 1296 MHz](#)
- 4-6 [Nov. Sweepstakes - CW](#)
- 18-20 [Nov. Sweepstakes - Phone](#)

For more information:

<http://www.arrl.org/contest-calendar>

HAMFEST CALENDAR

Southeast US

01/14/2017 | [TechFest 2017](#)

Location: Lawrenceville, GA

Type: ARRL Convention

Sponsor: Gwinnett
Amateur Radio Society

Website: <http://www.techfest.info>



01/21/2017 | [Georgia ARES convention](#)

Location: Forsyth, GA

Type: ARRL Convention

Sponsor: Georgia ARES

Website: <http://gaares.org>

02/10/2017 | [Southeastern Division Convention \(Orlando Ham-Cation®\)](#)

Location: Orlando, FL

Type: ARRL Convention

Sponsor: Orlando Amateur Radio Club

Website: <http://www.hamcation.com>

02/25/2017 | [Dalton Hamfest](#)

Location: Dalton, GA

Type: ARRL Hamfest

Sponsor: Dalton Amateur Radio Club

Website: w4drc.webstarts.com/hamfestintro.html

03/03/2017 | [Alabama Section Convention](#)

Location: Birmingham, AL

Type: ARRL Convention

Sponsor: Birmingham Amateur Radio Club

Website: <http://www.w4cue.com>

For more information:

<http://www.arrl.org/hamfests-and-conventions-calendar>



BSA Venture Crew 73 Wants You!

Venture Crew 73 is for you.

If you are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology

- Venture Crews are part of the Boy Scouts of America.
- *Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.*
- Venture crew 73 is coed.
- *Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at:
Briscoe Field - Sports Aviation Complex
Hangar 1, 690 Airport Road
Lawrenceville, GA 30045*
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- ◊ *Camping*
- ◊ *Hiking*
- ◊ *Horseback Riding*
- ◊ *Shooting Sports*

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

Steve Back, WB2OGY

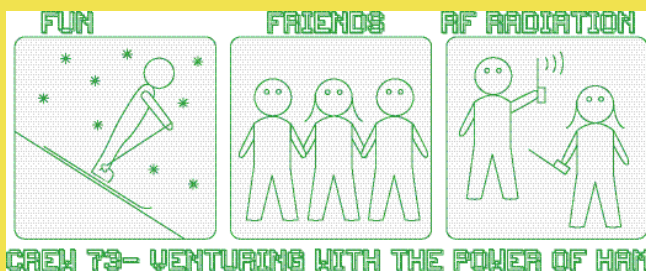
Venture Crew 73 Committee Chairman
Phone: 770-712-9069

E-mail: committeechair@venturecrew73.org



















Kevin McClure, KF4HFN

Venture Crew 73 Advisor
Phone: 706 318 2519




Email: advisor@venturecrew73.org



G A R S Officers and Committee Chairs

Rick Cobb, President	N4XYX	
Mike Weathers, Vice President	ND4V	
Nick Doemland, Secretary	AB4CQ	
Sid Weaver, Treasurer	N4NQ	
Nick Nikley, Program Manager	N0NCQ	
Karen Albritton Membership Chair	KI4HPP	
Dave Bruse, VE Team Leader	W4DTR	
David Adcock, Webmaster, Field Day Chair	KA4KKF	
Dorothy Jubon, Public Information Officer	N2DLJ	
Ralph Pickwick TechFest Chair, Apparel Mgr, Education Chair	KJ4CNC	
Bill Eggers, GARzette Editor	WB2RIS	
Bill Cherepy, W4GR Trustee	WB4WTN	
Eddie Foust, Repeater Chair	WD4JEM	
Mike Weathers, WAS-Checker, Historian	ND4V	
Chuck McCord, Net Manager	KK4TKJ	
Mike Swiderski, Technical Advisor	K4HBI	
Mitch Matteau Winter Field Day	N0DIM	
Pam Meridy QSO Party and VHF Contest Chair	WB1AKQ	
(Vacant) Multimedia Chair		

DIRECTORS

Kyle Albritton	W4KDA	
David Adcock	KA4KKF	
Norm Schklar	WA4ZXV	

EXTRA! EXTRA!

February Meeting

Voice of America Prediction Software

By Zygmunt Skrobanski, AF4MP

Repeater Status

147.075 operational in Snellville
147.255 operation in Snellville
444.525 operational in Snellville
Link remote receivers being added
442.100 operational at Goshen Springs
145.590 operational at Bogan Road
6M currently down



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Smithrm70@hotmail.com

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GARS Recurring Calendar

- ◆ Monthly club meeting is the 2nd Tuesday of the month at 7 pm
- ◆ Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net +
8:30 pm: ARES Training on the GARS 147.075 MHz repeater
- ◆ Every Wednesday at 8:30 pm: GARS Know It All Net on the GARS 147.075 MHz repeater
- ◆ Every Saturday at 7:30 am: GARS Weekly Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville
- ◆ Second Sunday at 2:00 pm: GARS Ham Exam Session, Fire Station #24
2735 Mall of Georgia Blvd
Buford, GA 30519

DECEMBER MEETING MINUTES

Rick, N4XYY, called the meeting to order at 8:30pm

General Business

Sid, N4NQ, gave the treasure's report. Voting took place and the treasure's report was approved

Karen, K14HPP, gave the membership report: GARS has 284 members.

NOTE: Rick reminded us that our designation as a "Special Service Club" requires that 50% of membership also be an ARRL member (GARS receives a portion of the sign-up and renewal fee. see Sid, N4NQ for details)

Future Programs

January 10th - Zygmunt Skrobanski, AF4MP, "Voice of America Prediction Software"

February 14th—Greg Abernathy, A14UD "Electric Magnetic Pulse" (EMP)

March 14th - Jim Reed, N4BFR "Raspberry Pi in your ham shack"
April 11th - Randall Farmer, N4FET "Battle Bots - Team Bombshell"

Event Recaps & General Updates

Ham of the Year - Ralph Pickwick, KJ4CNC, was announced as this years "Ham of the Year", Congratulations!

Net Schedule

- GARS Want, Swap, Sell and Information, Monday's @ 7:30pm
- ARES Training , Monday's @ 8:30pm
- Know-it-All, hosted by Jeff, AB4HF, Wednesday's @ 8:30pm

Program

Holiday Party!

- Great buffet provided by 5 Spot Café
- Great entertainment
- Great time with friends
- Great Raffle

Upcoming Events (*for additional details go to www.GARS.org*)

- NPOTA—12/10 (Chickamauga and Chattanooga National Military Park)
- TechFest – 1/14
- Winter Field Day – 1/28-29

Meeting concluded around 9:00pm

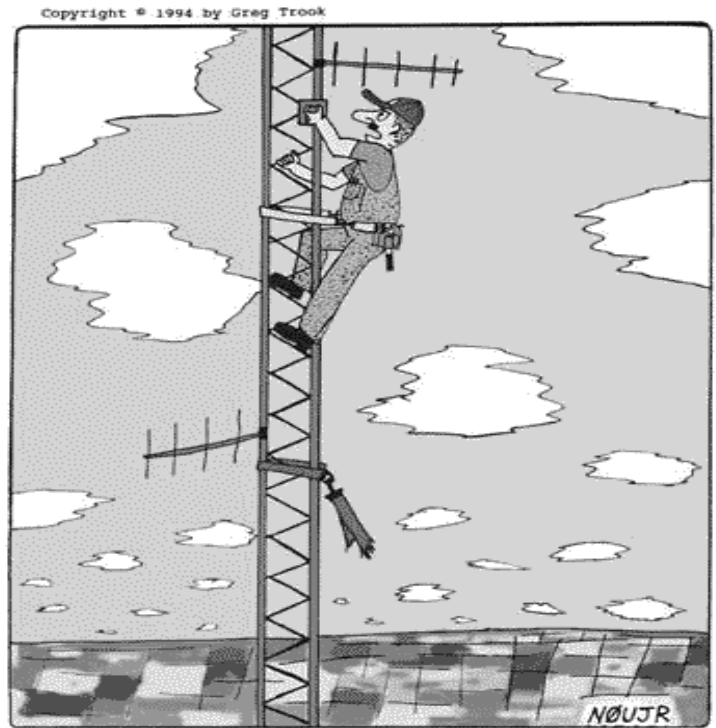
Nick, AB4CQ, Secretary

HAPPY ★ NEW ★ YEAR

EXTRA! EXTRA!



GARS Calendar of Events for 2017

- GARS Breakfast - Every Saturday morning
- GARS Ham Exam Session - 2nd Sunday every month
- TechFest January 14
- Winter Field Day January 28 & 29
- Georgia QSO Party April 8 & 9
- North metro area Fox Hunt April
- May Madness TBA
- Satellites in the Park TBA
- Memorial Day Parade May 29
- ARC/KARC Hamfest 1st Saturday of June
- Field Day June 24 & 25
- W4GR Spcl Event - 40th Anniv. Summer-TBA
- Maker Faire TBA
- Sept VHF/UHF Contest September 9
- Stone Mt. Hamfest TBA
- JOTA - 3rd Weekend of ... October
- HamCram TBA
- Christmas Party TBA



"So Bob...why did your ex-wife give you a new climbing belt for Christmas?"

GARS CALENDAR OF EVENTS FOR JANUARY 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 HAPPY NEW YEAR	2 7:30 - 8:00 pm GARS 2m Net	3	4 8:30 - 9:30 pm GARS Know-It-All Net	5	6	7 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
8 GARS VE Team Testing Session Starts at 2:00 pm Gwinnett Co. Fire Station #24	9 7:30 - 8:00 pm GARS 2m Net	10 5:00 - 6:30 pm Dinner at Flying Machine 7:00 - 9:00 pm GARS Meeting	11 8:30 - 9:30 pm GARS Know-It-All Net	12	13	14 9 AM - 2 PM TechFest Lawrenceville Great Fun Great Forums Great Chili
15	16 7:30 - 8:00 pm GARS 2m Net	17	18 8:30 - 9:30 pm GARS Know-It-All Net	19	20	21 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
22	23 7:30 - 8:00 pm GARS 2m Net	24	25 8:30 - 9:30 pm GARS Know-It-All Net	26	27 	28 Breakfast Winter Field Day At EAA Hangar Starts at 2:00 PM
29 Winter Field Day At EAA Hangar Ends at 2:00 PM	30 7:30 - 8:00 pm GARS 2m Net	31 	1	2 Don't forget: Please help out with the DOG SHOW ...	3 February 2 - 5 2 shifts: 6 AM to 10 AM 10 AM to 2 PM	4 Sign up to help online at http://www.gars.org

Metro Testing Sessions

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <http://www.arrl-ga.org>.

First Sunday, ODD Months

2 pm (Jan, Mar, May, Jul, Sep, & Nov)
VEC: WCARS
Braselton Public Utility Building
4986 Highway 53, Braselton, GA
Roger Gibson, WB4T
(770) 271-4210 or (770) 712-9560
w4rlg@bellsouth.net

First Sunday, EVEN Months

2 pm (Feb, Apr, Jun, Aug, Oct, Dec)
VEC: WCARS
Hall County EOC
470 Crescent Dr. Gainesville, Ga.
Perry Roper, KO4RD
(770) 536-3056

Second Saturday

10:00 AM
Alpharetta North Park, Adult Activities Center
13450 Cogburn Rd, Alpharetta, GA 30004
Ian Kahn, KM4IK
E-mail: km4ik.ian@gmail.com

Second Saturday, ODD Months

VEC: ARRL
8:30 a.m.
GMC Community Ctr
5325 Leon St.
Stone Mountain, GA
Frank Haynes, KV4SP
(678) 467-3712

Second Sunday

VEC: W5YI
2 pm
Fire Station #24
Mall of Georgia Boulevard
Buford, GA 30519
Contact: Dave Bruse, W4DTR
E-mail: exams@gars.org

Third Saturday

VEC: W5YI
2 pm @ Barrow Co. Emerg. Serv. Bldg
66 McElroy Street
Winder, GA 30680
Steve Donellan, N5SMD
(404) 520-0368
E-mail: n5smd@comcast.net

(cont. next column)

Ham Exam Results

December Results

The GARS VE team had a successful exam session on December 11. Seven applicants tested and all seven passed exams as follows:

- Three new Technician class
- Two new General class (passed Tech and General exams)
- Two upgraded to General class

Many thanks to the following VE's who made the session possible:

Lou Manglass Jr., NY4F
Dave Bruse, W4DTR (CVE)
Bill Cherepy, WB4WTN
Sid Weaver, N4NQ (Co-CVE)
Ralph Pickwick, KJ4CNC

73,

Don Bagby, KK4NJM (Co-CVE)

GARS VE Team Leader
E-mail: exams@gars.org

GARS VE Website:
http://groups.yahoo.com/group/GARS_VE_Team/

Fourth Tuesday

ARRL VEC
7 pm @ United Way Service Center
6279 Fairburn Rd., Douglasville
Jessie Clower, KB4WFK
(770) 942-6466

Fourth Sunday

2:30 pm Georgia Tech
VanLeer Elec. Building
Rm. W218, 777 Atlantic Dr.
For more information go to www.w4aql.com and click on "Test Sessions"

Metro Club Meetings

First Tuesday

Kennehoochee ARC
Downtown Marietta
Fire Station #1, Training Room
112 Haynes Street
Marietta, Georgia 30060
Meeting begins at 7:00pm
Talk In 146.880(-)

First Thursday

Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30pm
Talk In -146.820(-)

N.E. Georgia ARC
Commerce Public Library
1344 South Broad Street, Commerce
Meeting is at 6:30pm
Talk In - 147.225(+), PL 123.0

Second Monday

Georgia Tech ARC
Room W218
Van Leer Electrical Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00pm

Second Thursday

Alford Memorial Radio Club
Annistown Road Baptist Church
Annistown Rd & Spain Rd
Stone Mountain
Dinner at 6:00pm, Meeting at 7:30pm
Talk In - 146.760(-)

Second Saturday

North GA QRP Club
Board Room of The Shepherd Center
2020 Peachtree Rd, NW, Atlanta
at 10:00 AM

Third Tuesday

North Fulton Amateur Radio League
Alpharetta Recreation & Parks Dept
Alpharetta Adult Activity Center
13450 Cogburn Road
Alpharetta, GA 30004
meeting at 7:30pm
Talk In - 145.47(-)

For more information, go to: <http://www.gars.org/>

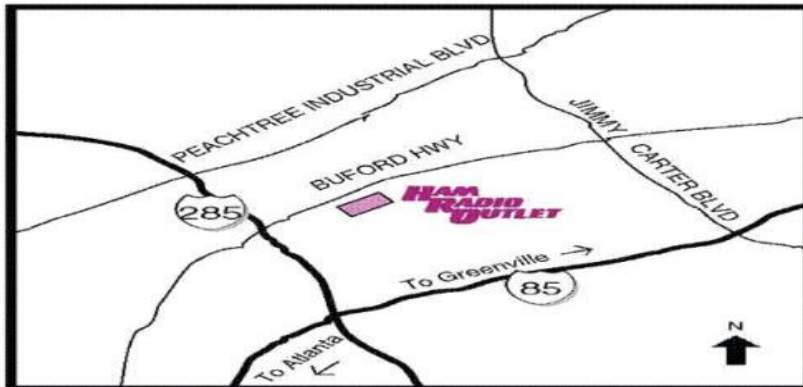
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